WEST

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L10: Entry 10 of 11 File: DWPI Dec 12, 1990

DERWENT-ACC-NO: 1990-370140
DERWENT-WEEK: 199839

TITLE: Detection of human papillomavirus HPV 16, HPV 18 and HPV 33 - by amplification using pair of oligo-nucleotide primers derived from E6 or E7 regions

INVENTOR: FUJINAGA, K; FUKUSHIMA, M ; KATO, I ; SHIMADA, M

PRIORITY-DATA: 1989JP-0144230 (June 8, 1989)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
EP 402132 A	December 12, 1990		000	
JP 2791685 B2	August 27, 1998		010	C12Q001/70
JP 03010700 A	January 18, 1991		000	
EP 402132 B1	December 21, 1994	E	022	C12Q001/70
DE 69015261 E	February 2, 1995		000	C12Q001/70

INT-CL (IPC): C12N 15/09; C12N 15/37; C12N 15/37; C12Q 1/68; C12Q 1/70; G01N 33/53; G01N 33/566; G01N 33/569

ABSTRACTED-PUB-NO: EP 402132A
BASIC-ABSTRACT:

A method for the detection of human papillomavirus (HPV) HPV 16, HPV 18, HPV 33 or any combination of these viruses is claimed by amplification by use of a pair of oligonucleotide primers of at least one DNA region chosen from the gp. of DNA regions of the structures shown. USE/ADVANTAGE - The pairs of primers for PCR amplification of the specific DNA regions (E6 and E7 of HPV) and probes for the detection of amplified DNA regions can be used to detect HPV 16, HPV 18 and HPV 33 with high sensitivity. The detection can be used in the diagnosis of cervical cancer or precancerous conditions.

ABSTRACTED-PUB-NO:

EP 402132B
EQUIVALENT-ABSTRACTS:

A method for the detection of human papilloma-virus HPV 16, HPV 18, HPV 33 or any combination of these viruses by amplification of at least one HPV DNA region by use of a pair of oligonucleotide primers characterised in that the DNA region has a structure defined in the specification.

ABSTRACTED-PUB-NO: EP 402132A
EQUIVALENT-ABSTRACTS: EP 402132B A method for the detection of human papilloma-virus HPV 16, HPV 18, HPV 33 or any combination of these viruses by amplification of at least one HPV DNA region by use of a pair of oligonucleotide primers characterised in that the DNA region has a structure defined in the specification.

CHOSEN-DRAWING: Dwg.0/0 Dwg.0/0

WEST Search History

DATE: Tuesday, August 26, 2003

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=ADJ			
L16	papillomavirus adj primer.clm.	0	L16
L15	screening adj papillomavirus and primer.clm.	0	L15
L14	screening and papillomavirus and primer.clm.	70	L14
L13	screening and papillomavirus.clm.	125	L13
L12	screening and cancer.clm.	1743	L12
DB=DWPI; PLUR=YES; OP=ADJ			
L11	Katou I.in.	8	L11
L10	Fujinaga K.in.	11	L10
L9	Okazawa K.in. and detection	4	L9
L8	Okazawa K.in. and virus	0	L8
L7	Okazawa K.in. and papilloma	0	L7
L6	Okazawa K.in.	50	L6
DB=USPT; PLUR=YES; OP=ADJ			
L5	5597910.pn.	1	L5
DB=PGPB; PLUR=YES; OP=ADJ			
L4	20030119042	1	L4
DB=DWPI; PLUR=YES; OP=ADJ			
L3	Alberdi M.in.	1	L3
L2	Limones L G.in.	0	L2
L1	Madejon S A.in.	0	L1

END OF SEARCH HISTORY

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End of Result Set

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L3: Entry 1 of 1 File: DWPI Jun 26, 2003

DERWENT-ACC-NO: 2003-067358
DERWENT-WEEK: 200343

TITLE: Stabilized reaction mixture containing an enzyme, useful for performing nucleic acid reactions, includes three-component stabilizing mixture and is at least partially dried

INVENTOR: FRANCO DE SARABIA ROSADO, P M; LIMONES LOPEZ, G ; MADEJON SEIZ, A ; MARIN ALBERDI, M D

PRIORITY-DATA: 2001ES-0000569 (March 12, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
US 20030119042 A1	June 26, 2003		000	C12Q001/68
WO 200272002 A2	September 19, 2002	S	076	A61K000/00
ES 2180416 A1	February 1, 2003		000	C12N009/96

INT-CL (IPC): A61 K 0/00; C12 N 9/22; C12 N 9/96; C12 Q 1/68; F26 B 5/06

ABSTRACTED-PUB-NO: WO 200272002A
BASIC-ABSTRACT:

NOVELTY - Preparing (M1) a stabilized and (partially) dried reaction mixture (A), containing at least one enzyme (I), comprising mixing an aqueous solution of a reaction mixture containing (I) and (II) aqueous stabilizer solution, then removing water to residual moisture content 30% or less, is new.

DETAILED DESCRIPTION - The stabilizer solution contains at least one each of agent (II) that protects against desiccation, inhibitor (III) of condensation reaction between carbonyl or carboxy groups and amino or phosphate groups, and an inert polymer (IV) that forms a mesh structure that inhibits mobility of the dried reactants.

INDEPENDENT CLAIMS are also included for the following:

(1) (A) containing at least one each of (I)-(IV); and

(2) a kit containing (A).

USE - (A) are especially 'ready-for-use' mixtures for performing a wide range of nucleic acid manipulations, e.g. amplification, sequencing, hybridization and/or restriction analysis, e.g. for diagnostic detection of pathogens or mutations.

ADVANTAGE - (A) may contain all components needed to perform a particular reaction, already deposited in a reaction vessel, eliminating the need for multiple additions (which are sources of errors and contamination), so improving repeatability and reliability. (A) can be transported and stored at ambient temperature without significant loss of activity, and are suitable for 'hot start' reactions.

ABSTRACTED-PUB-NO: WO 200272002A
EQUIVALENT-ABSTRACTS: